Bergen Cabling Cat6A STP connector v2, DNV

10 Gigabit BC Keystone Cat6A connector

Fully screened Cat6A connector RJ45 for communication up to 500 MHz, 100 Ω.
The connector can be used with the Maritime LAN 24 port Patchpanel and outlets fits for the connector in a Cat6A installation, or keystone interface from other vendors.
The connector is made for application up to 10 Gigabit Ethernet on solid wires, and shall be handled according to installation manual and together with the tool for the connector.

Characteristics

Operating temperature range: -40 to +70 °C (up to +65°C for an uninterrupted use)
Dimensions (L x P x W): 17.6 x 34 x 25.5 mm (with rear cover)
Accepts cable outer diameter: 4.5mm – 10.0mm

Mechanical

Insertion / Extraction life: 750 Cycles minimum
IDC wire gauge: 22 - 24 AWG, solid wire
IDC wire gauge: 22 - 26 AWG, stranded wire

Physical

Housing: Zinc - alloy fully shielded
Spring Wire: phosphor bronze alloy plated with 50 micro - inch of gold
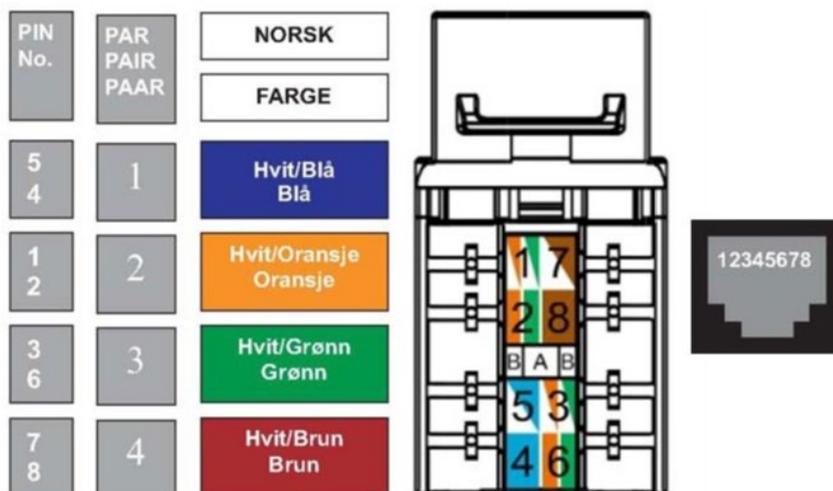IDC: Phosphor bronze alloy with 100 micro - inch 100% Sn Alloy

Standards

ISO/IEC 11801-1:2017 (Ed 1.0)
ISO/IEC 11801-2:2017 (Ed 1.0)
EN 50173-1: 2011
EN 50173-2: 2007 including amendment A1:2010
ANSI /TIA 568-C.2:2009
IEC 60512-99-002 (draft 48B/2591/CDV) including all connector alien crosstalk parameters (PS ANEXT and PS AFEXT)

Approved by

DNV certificate No: TAE0000008 rev. 3
Force Technology Compliance Statement no. 2022-565
Force Technology Compliance Statement no. 2023-675 (Screened Permanent Link, Class EA)
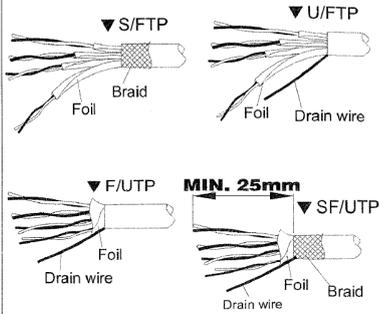
Ordering info

Part No.	El No.	Eqhub ID	Description
BC-11-006	6904214	100000617	Bergen Cabling Cat6A STP Connector, Keystone v2, DNV

INSTRUCTION SHEET

STEP 1:

▼ S/FTP
Braid
Foil

▼ U/FTP
Foil
Drain wire
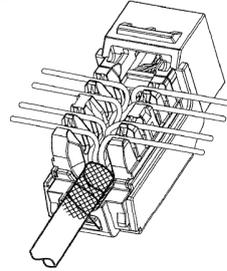
▼ F/UTP
Foil
Drain wire

MIN. 25mm
▼ SF/UTP
Drain wire
Foil
Braid
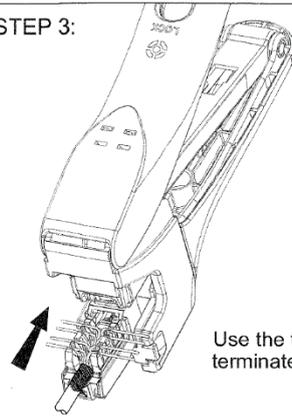
Strip off at least 25 mm

STEP 2:

Press the wires through the projecting portion of terminals until fixed (T568A/T568B).

STEP 3:

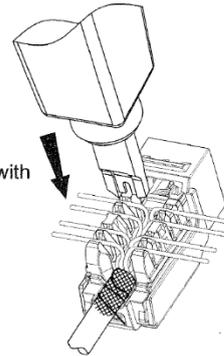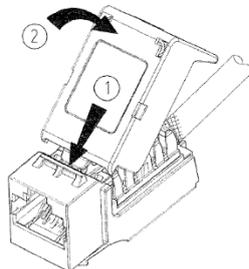Terminate wires with punch down tool.

OR

Use the tool to terminate the Jack.

STEP 4:

Close the cap as above image.